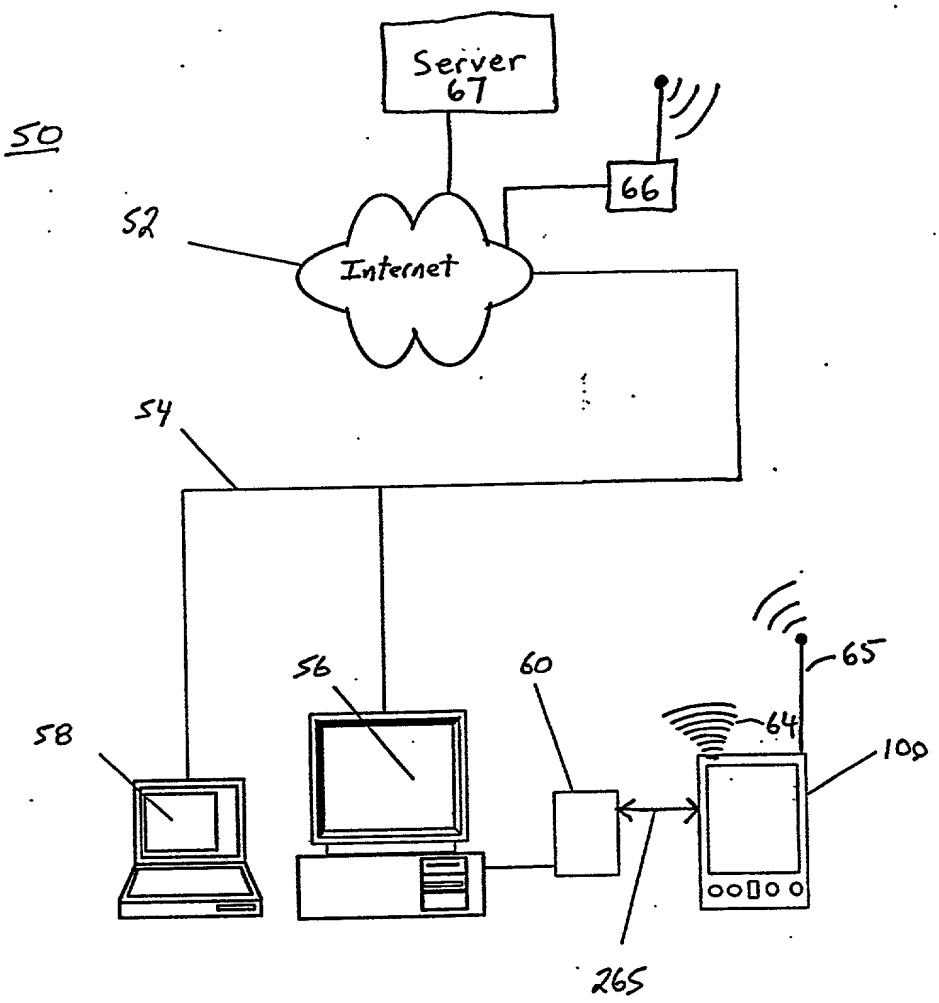

FIGURE 1

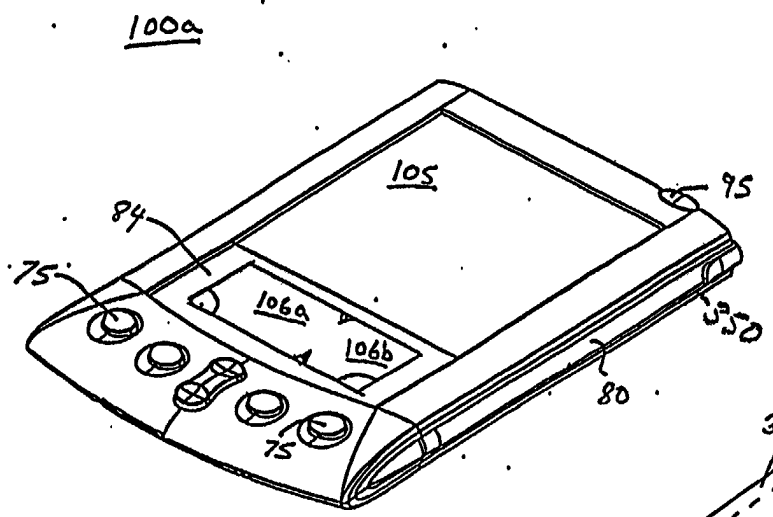

FIG. 2A

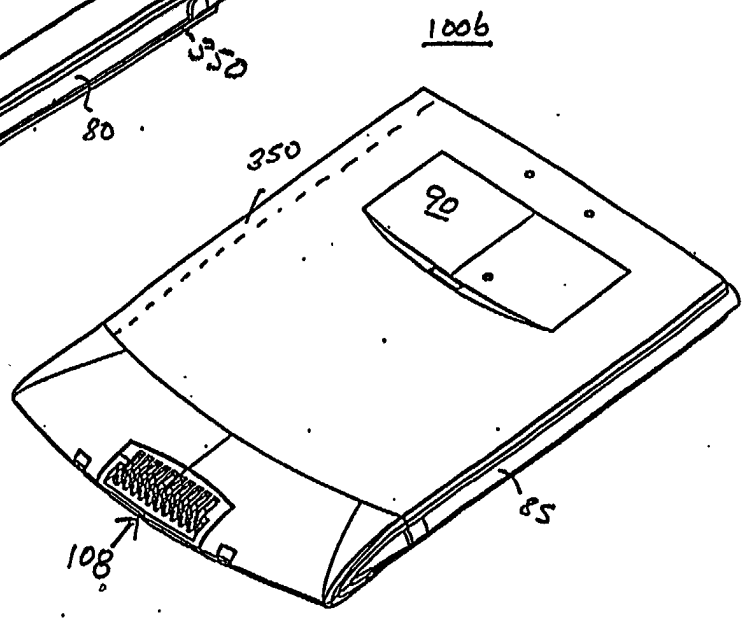

FIG. 2B

TO4080 "2724360

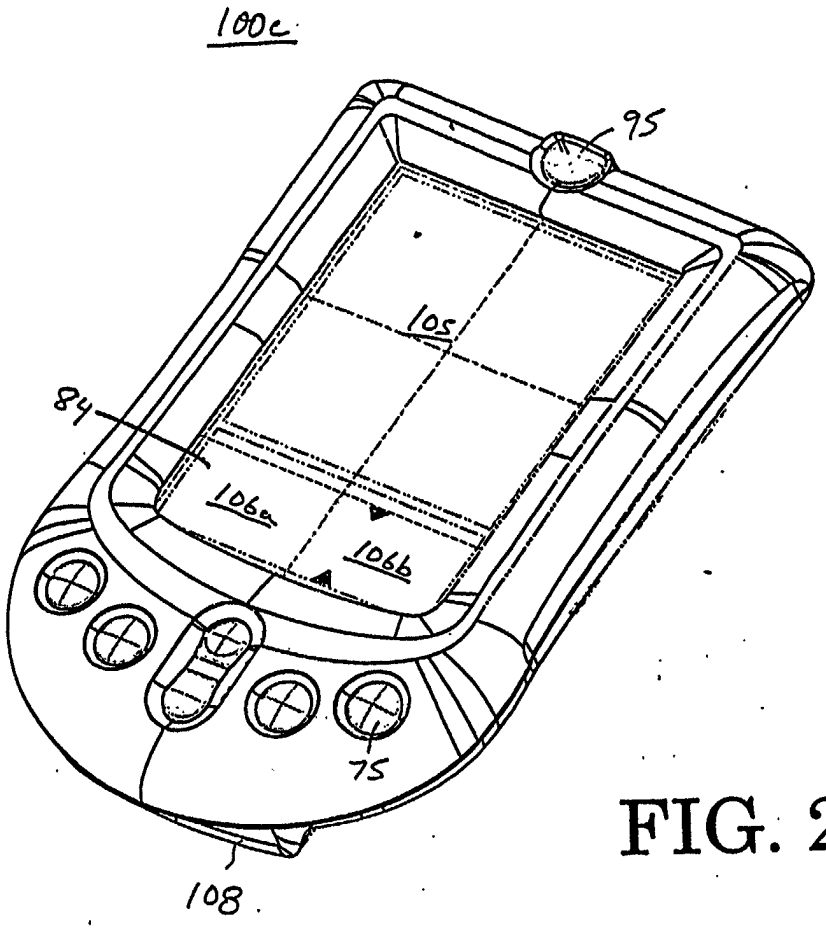

FIG. 2C

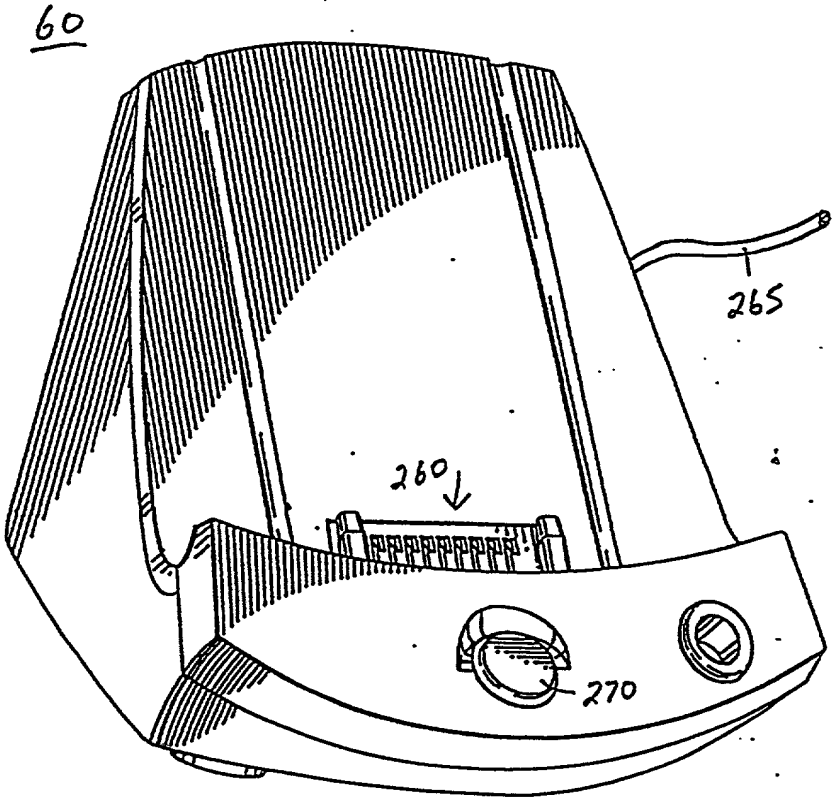

FIG. 3

TO+090 "ZT24+2860

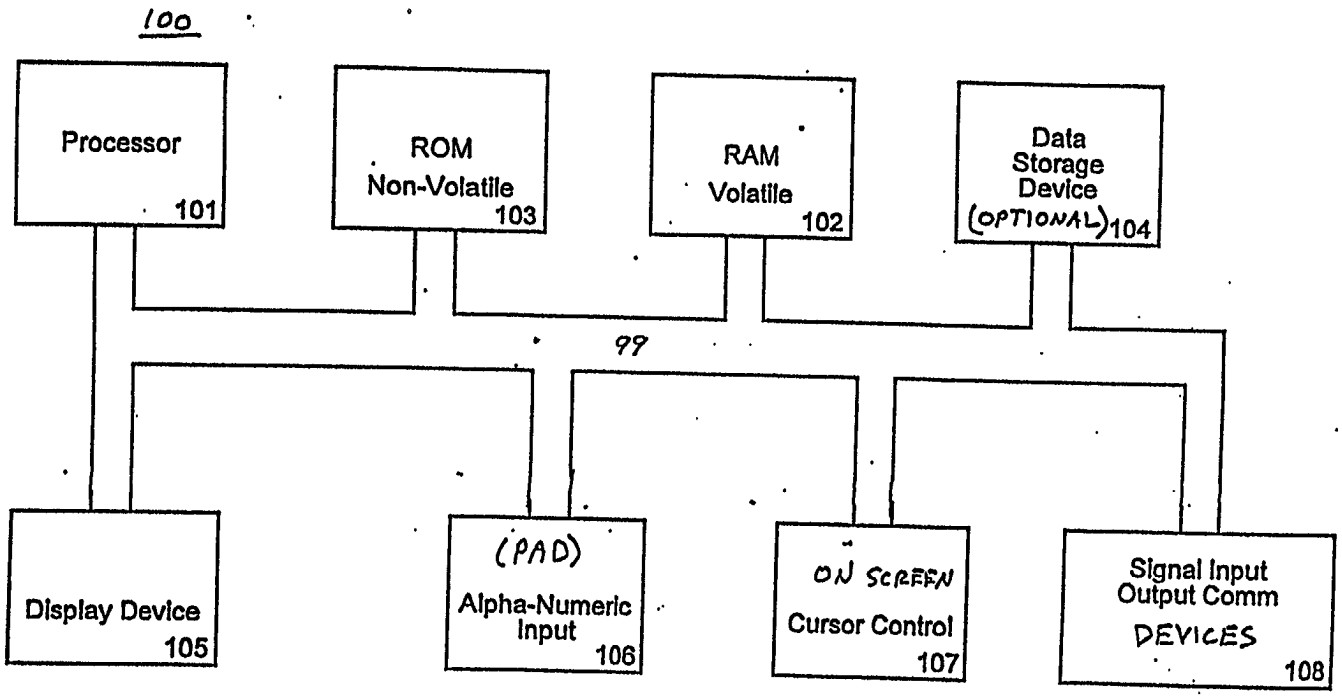

FIG. 4

No. 5505
Engineer's Computation Pad
ALVIN

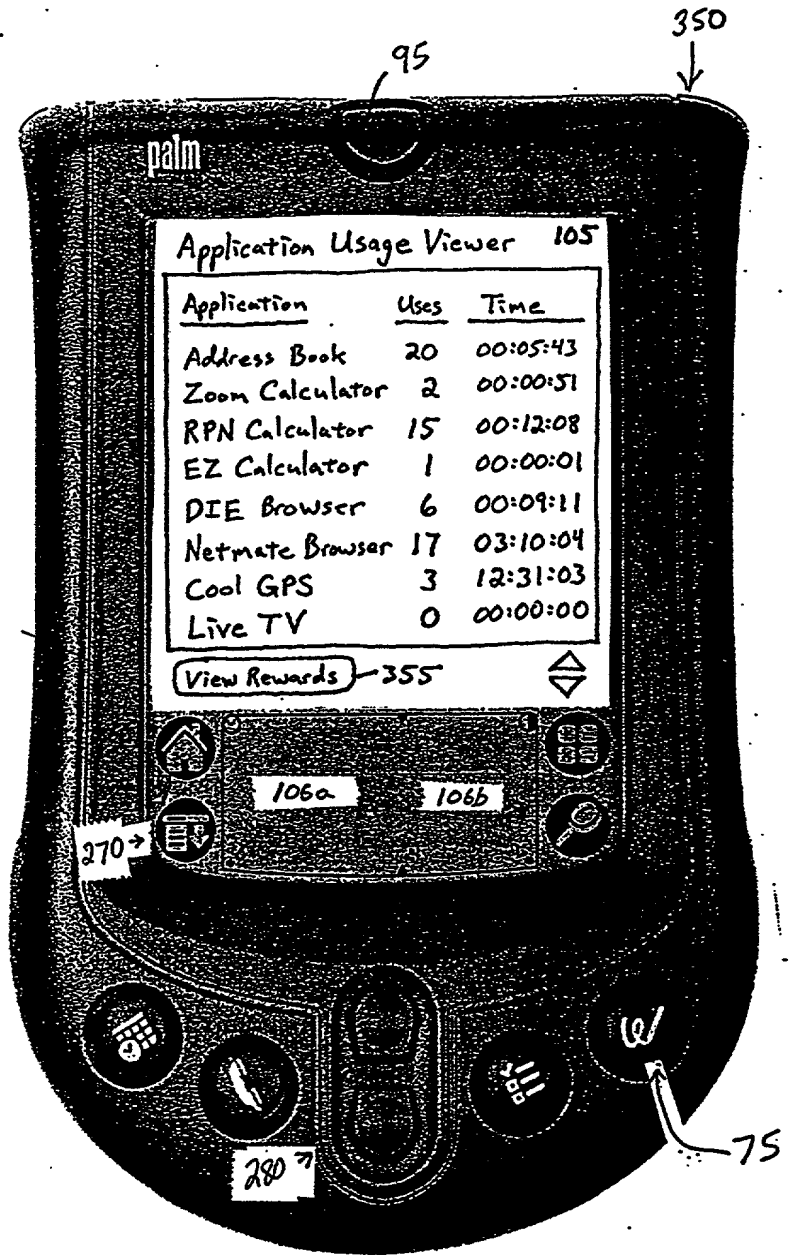

FIG. 5

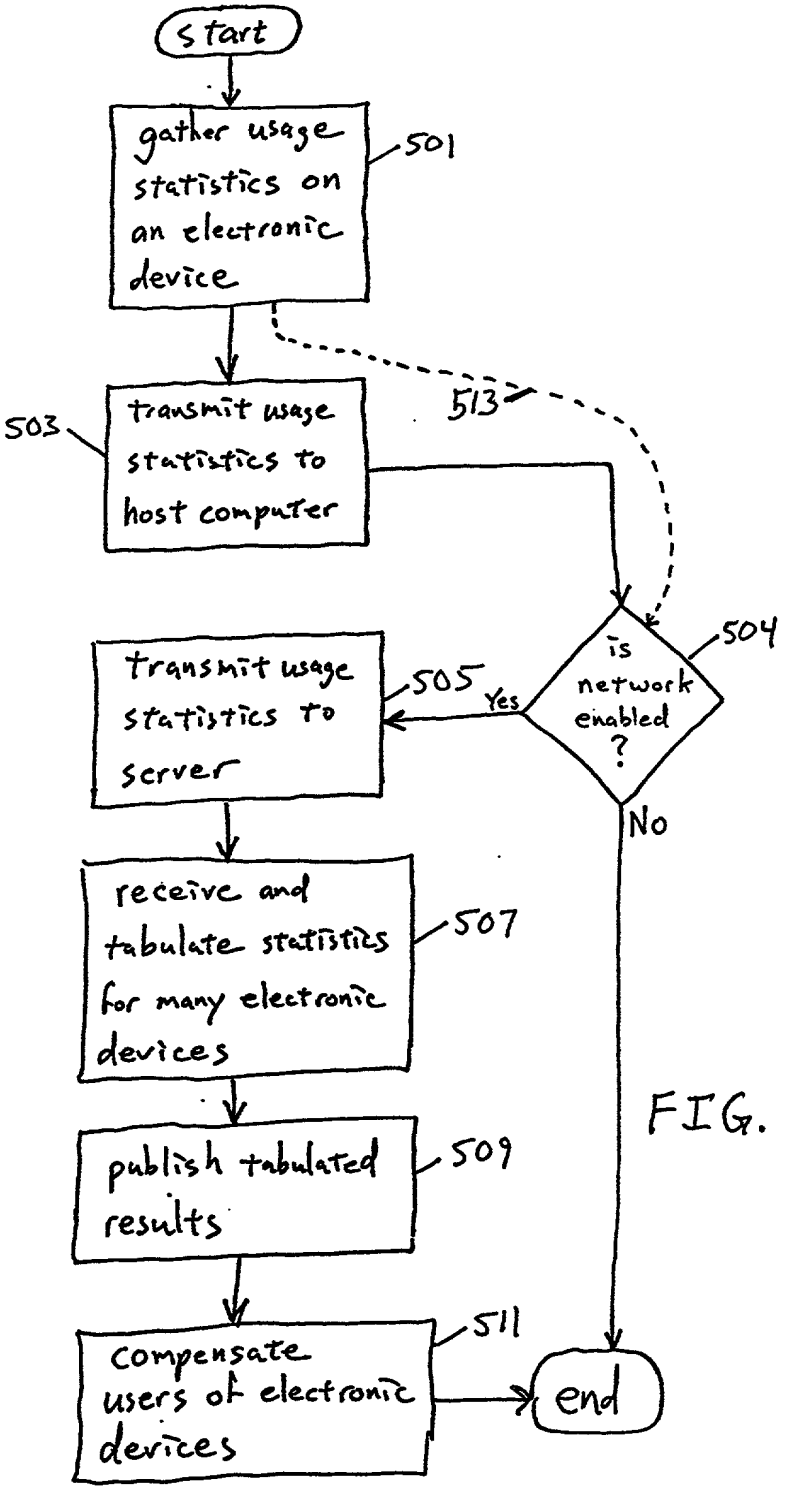
start
gather usage statistics on an electronic device
501
transmit usage statistics to host computer
503
513
is network enabled ?
504
Yes
transmit usage statistics to server
505
No
receive and tabulate statistics for many electronic devices
507
publish tabulated results
509
compensate users of electronic devices
511
end

FIG. 6

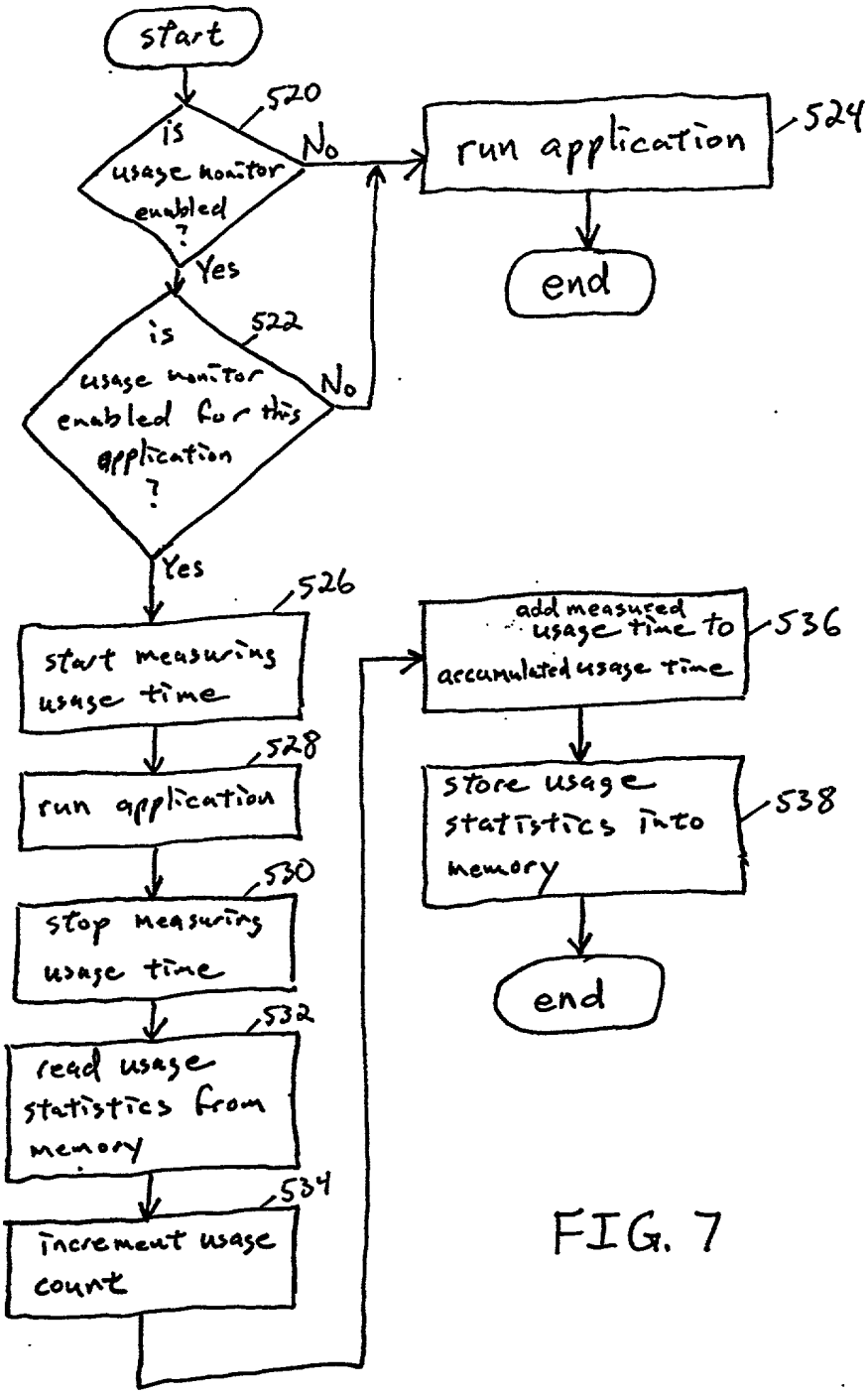
start
520
is usage monitor enabled ?
No
Yes
run application
524
end
522
is usage monitor enabled for this application ?
No
Yes
526
start measuring usage time
528
run application
530
stop measuring usage time
532
read usage statistics from memory
534
increment usage count
add measured usage time to accumulated usage time
536
store usage statistics into memory
538
end

FIG. 7

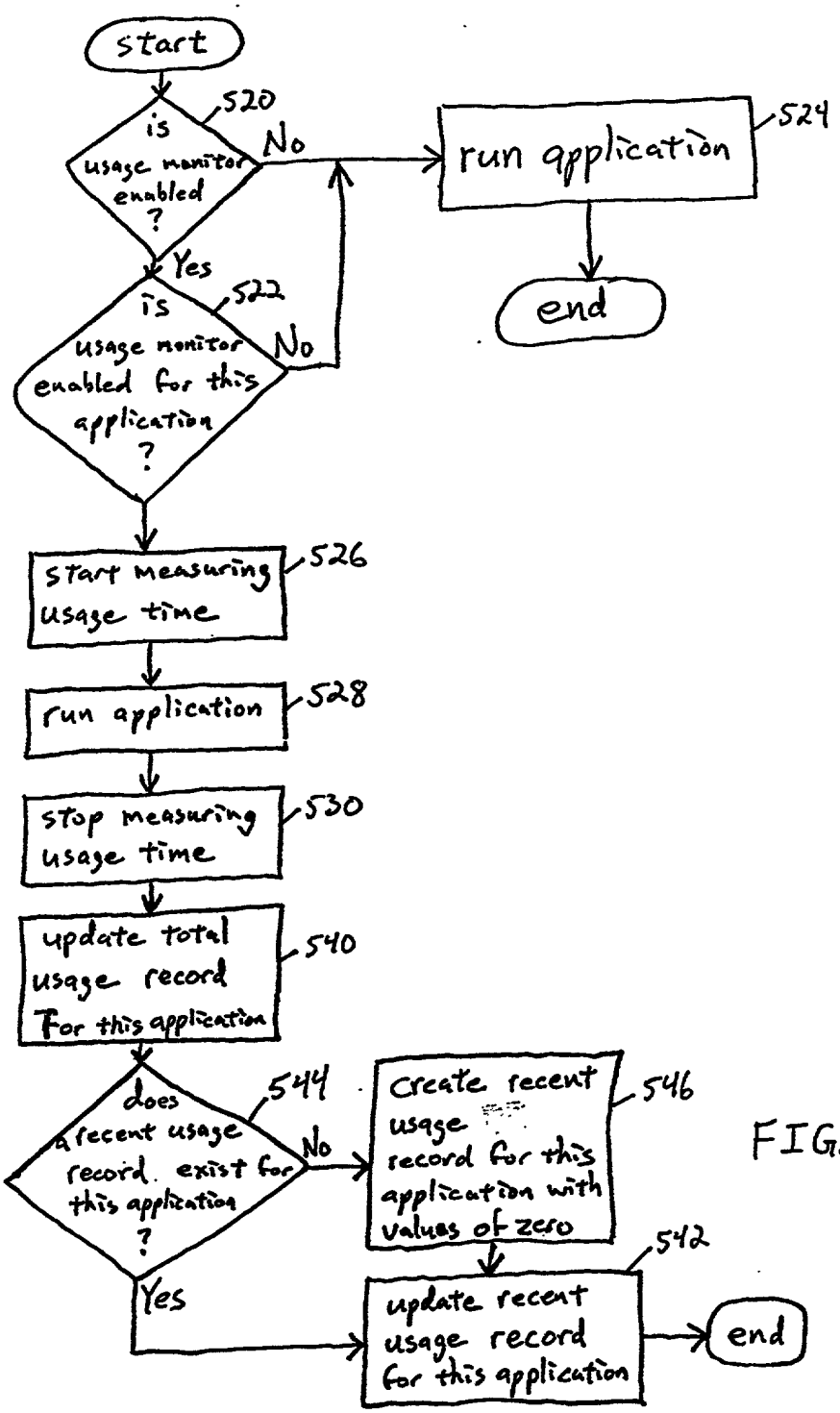
start
520
is usage monitor enabled ?
No
524
run application
end
Yes
522
is usage monitor enabled for this application ?
No
526
start measuring usage time
528
run application
530
stop measuring usage time
540
update total usage record For this application
544
does a recent usage record exist for this application ?
No
546
create recent usage record for this application with values of zero
542
Yes
update recent usage record for this application
end

FIG. 8

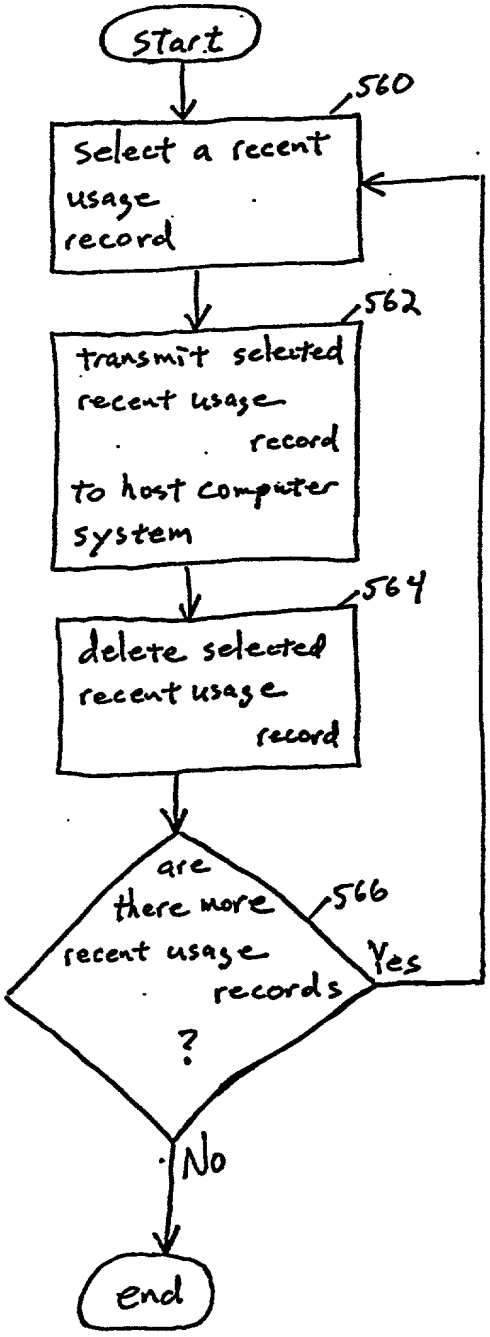
Start
560
Select a recent usage record
562
transmit selected recent usage record to host computer system
564
delete selected recent usage record
566
are there more recent usage records ?
Yes
No
end

FIG. 9

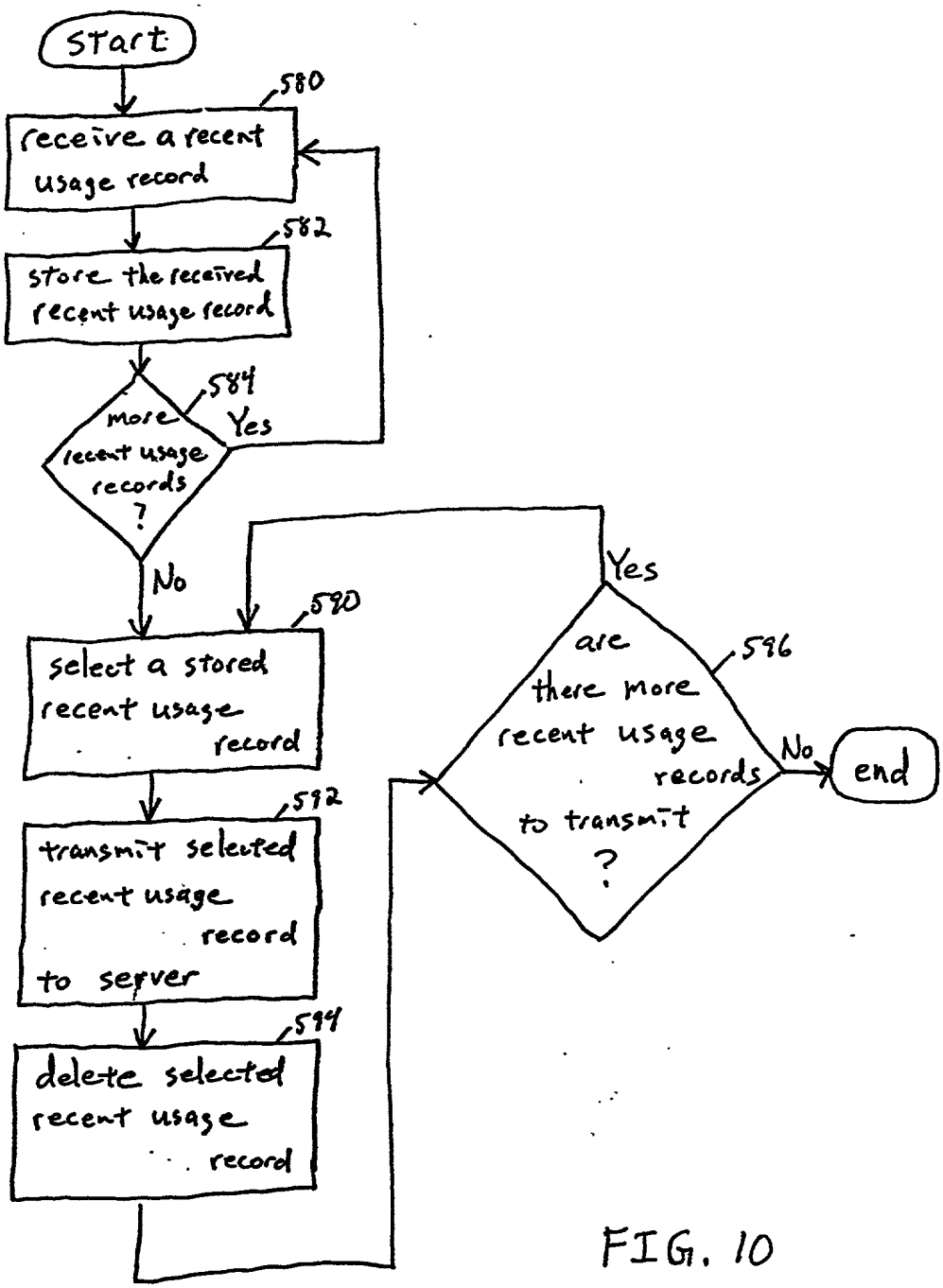
Start
580
receive a recent usage record
582
store the received recent usage record
584
more recent usage records ?
Yes
No
590
select a stored recent usage record
592
transmit selected recent usage record to server
594
delete selected recent usage record
596
are there more recent usage records to transmit ?
Yes
No
end

FIG. 10

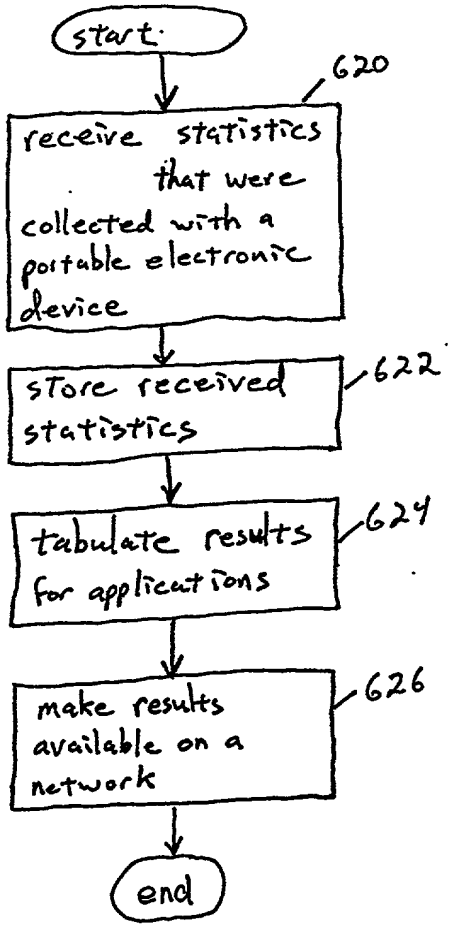
start
620
receive statistics that were collected with a portable electronic device
store received statistics
622
tabulate results for applications
624
make results available on a network
626
end

FIG. 11

App Info Block 940

Monitor	1 byte
UserID	8 bytes
User name	21 bytes
User email	41 bytes

FIG. 12A

Usage Record Header Structure 900

Data Structure Count	2 bytes
Date	2 bytes
Data Structure type indicator	2 bytes
Array of Data Structures	... bytes

FIG. 12B

Usage Application Data Structure 920

Creator code	4 bytes
Time Spent (seconds)	4 bytes
Count	2 bytes

FIG. 12C